



FIG. 3A



 $n_1 n_2 n_3 n_4 n_5$ A C T G T T A G C T A A T T G G \nearrow REF. SEQ.

A-LANE TOAC GAAA AGAA CAAT AAAG C-LANE TOCC GAGA ACGA CACIT AACG G-LANE TOCC GAGA ACGA CACIT AACG T-LANE TOCC GATIA ACTIA CATIT AACG

WT. LANE TGAC GACA ACAA CAAT AATG

FIG. 4A

ACTGTTAGCTAATTGG CENTRAL INTERROGATION POSITION

AATCGAT

5' I 3' INTERROGATION POSITION

THAACC

5' I 3' INTERROGATION POSITION POSITION POSITION

FIG. 4B

GGGXCCCTTAF

CCCIDGGG GCCCIDGGG CCCIDGGG

> AGGGAAT QGGGAAT QGGGAAT TGGGAAT

FIG. 4C